For more advanced information please refer to
www.hannspree.com/eu and to download the full version.

English

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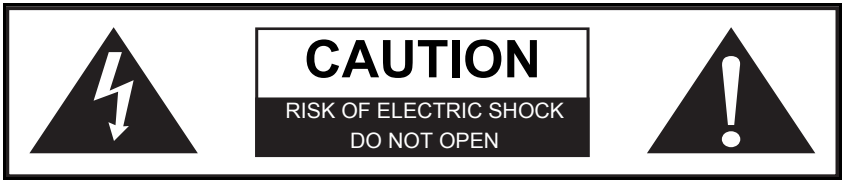
Regulatory Information

CE Conformity Statement

This device is in conformity with the requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility and Directive 2006/95/EC on the harmonization of the laws of Member States relating to electrical equipment for use within certain voltage limits. Hannspree cannot accept responsibility for any failure to satisfy the requirements resulting from a non-recommended modification of the device.

Description of Warning Symbols



WARNING

This symbol is used to alert users to pay attention to important descriptions regarding usage, maintenance (repair), and additional important information related to this TV.

CAUTION

This symbol is used to alert users to the risk of electric shocks due to dangerous and uninsulated components.

Safety Notices

Installation Safety Notes

Location

Avoid allowing the TV to get prolonged exposure to sunlight or other strong sources of heat. Leave sufficient distance between the TV and the wall to provide enough space for the emission of heat.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Notes:

- **The LCD TV is for entertainment use only and visual display tasks are excluded.**
- **This device uses a VGA connector to connect to a PC. To reduce the influence of main frequency on the source signal, use a VGA monitor cable with ferrite shield.**

Personal Safety

1. To avoid overloading the power supply, never plug too many electrical devices into an outlet, power strip, or extension cable.
2. Dangerous high-voltage electric power components are located inside the TV. To avoid electric shock, do not disassemble the casing.
3. Do not place or drop metals, small objects, or flammable materials into the vent of the TV.
4. If the TV is dropped, falls down, or is otherwise damaged, unplug the power cord immediately and contact an authorized service technician.
5. If any fluid is sprayed or dropped into the TV, contact an authorized service technician.
6. The screen of the TV is made of glass. Avoid hitting or scraping it. If the screen is broken, do not touch the broken glass.
7. Do not allow children to use the TV unattended.
8. Be careful when disconnecting the power plug. Hold the plug. Do not attempt to disconnect the plug by pulling on the power cord.

Installation

1. Do not place the TV in locations where there is excessive steam or dust.
2. Avoid blocking the TV's vents, do not place the TV on a bed, sofa, carpet, or in a sealed cabinet.
3. Install the outdoor antenna away from power transmission lines to avoid possible danger.

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English

1 Getting Started

1.1 Package Contents

Make sure the following components are included in the box. Please contact Hannspree Customer Service immediately if anything is missing or damaged.

- TV
- User's manual
- Quick start guide
- Warranty card
- Power cord
- Remote control and batteries
- TV cleaning cloth

ME61

According to WEEE regulation, this TV can't be handled as normal trash in Europe when it is out of usage. Please refer to the recycle information from our website to handle it.

As an ENERGY STAR® Partner, Hannspree has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

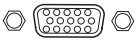
1.2 Control Panel

Description	Button	Function
Power	⏻	Press to turn the TV on or off.
Input source	**INPUT**	Press to select the proper input source.
Menu	**MENU**	Press to open the OSD menu.
Program select	**P▲**	Press to increase the program number or move upward to the previous item on the OSD menu.
Program select	**P▼**	Press to decrease the program number or move downward to the next item on the OSD menu.
Volume adjust	**VOL +**	Press to increase the volume or move to the right on the OSD menu.
Volume adjust	**VOL -**	Press to decrease the volume or move to the left on the OSD menu.
Remote IR sensor		Receive incoming remote control commands.
Power/Standby indicator		Indicate power (green) or standby (red) status.
Speakers		Deliver high-quality sounds.

1.3 Input and Output Jacks

Description	Connector	Function
CI		Connect to a CI device.

Description	Connector	Function
Service		Service only. Not available for users.
S-Video Input		Connect to an external device, such as a VCR, STB, or a DVD player.
Composite Input (Video)		Connect to an external device, such as a VCR, STB, or a DVD player.
Composite Inputs (Audio)		Connect to an external device, such as a VCR, STB, or a DVD player.
Earphone Output		Connect to earphones or external speakers with a built-in amplifier.
HDMI 4 Input		Connect a HDMI equipment or a HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
Cable/Antenna		Connect to an antenna or cable TV.
Component Inputs (Video)		Connect to an external device, such as a VCR, STB, or a DVD player.
Component Inputs (Audio)		Connect to an external device, such as a VCR, STB, or a DVD player.
SCART 1 IN/OUT		Connect to an external device, such as a VCR, STB, or a DVD player with AV, S-Video, RGB, L/R IN, Analog TV Out, and L/R Out.

Description	Connector	Function
SCART 2 IN		Connect to an external device, such as a VCR, STB, or a DVD player with AV, S-Video, L/R IN.
VGA (PC) Input		Connect to a PC's VGA port.
PC Audio Input		Connect to a PC's line/audio port.
HDMI 1 Input		Connect a HDMI equipment or a HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
HDMI 2 Input		Connect a HDMI equipment or a HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
HDMI 3 Input		Connect a HDMI equipment or a HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
Power Connector		Connect to the included power cord.

1.4 Remote Control

Description	Icon	Function
Power		Press to turn the TV on or off.
Input Signal Type	**INPUT**	Press to select the input signal types: TV, DTV, AV, S-Video, YPbPr, PC, HDMI 1, HDMI 2, HDMI 3, HDMI 4, SCART 1, or SCART 2.

Description	Icon	Function
Keypad	1 2 3 4 5 6 7 8 9 0	Use to select a program directly. Press **0**-**9** to enter the program numbers (press **1** and **0** for program **10**).
Pro.List	**Pro.LIST**	Press to display the features contained (only for DTV).
Last	**LAST**	Press to return to the last channel selected.
Information	**INFO**	1. Press to display current channel/program information. 2. During DTV menu selection, press to display help information about Channel Organizer, Channel Sorting, Channel Grouping, Time and Parental Rating.
Menu	**MENU**	Press to turn the on-screen display (OSD) menu on/off.
OK	**OK**	Press to confirm a selection.
Arrows	^ v < >	Press up, down, left or right to scroll through the on-screen display menus.
Electronic Program Guide	**EPG**	Press to display detailed programming information for channels (only for DTV).
Teletext mode	**TEXT**	Press to activate the teletext mode.
Volume adjustment	**VOL+ / VOL−**	Press VOL + to increase audio volume. Press VOL - to decrease audio volume.
Mute	**MUTE**	Press to eliminate the sound. Press it again or press the volume adjustment buttons to restore the sound.

Description	Icon	Function
Dual sound	I - II ♪	Press to change the multi sound selection of the TV channel.
Select program	P▲ / P▼	Press P▲ to increase the program number. Press P▼ to decrease the program number.
Red, Green, Yellow, Blue	●●●●	Press the colored buttons to perform specific tasks in the OSD menu or teletext mode.
Index	INDEX	Press to display a table of the available teletext subjects (programmable in the teletext mode only).
Mix	MIX	Press to display the teletext over the program on the screen (programmable in the teletext mode only).
Adjust size	SIZE	Press to adjust the screen size (programmable in the teletext mode only).
Subtitle	SUBTITLE	With an ATV source, if the teletext mode is activated and the teletext has a subtitle page, press to display the page. With a DTV source, press to display the subtitle OSD, and select the language.
Hold	HOLD	Press to inactivate automatic page change which only occurs when more than one teletext page exists. (Programmable in the teletext mode only)
Reveal	REVEAL	Press to display the hidden information, such as solutions to puzzles. (Programmable in the teletext mode only)
Sound Mode	SOUND	Press continuously to toggle through all the sound settings: Standard, Music, Movie, Speech, or User.

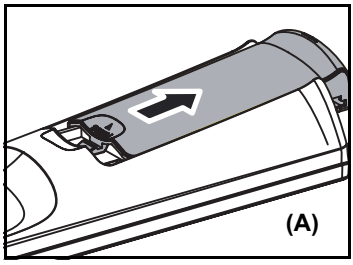
Description	Icon	Function
Picture Mode	**PIC**	Press continuously to toggle through all the picture settings: Vivid, Soft, User, Standard.
Favorite channel	**FAV.**	In ATV, press to select favorite channels and press ^ / v to go to favorite channels. In DTV, press to open favorite list menu and press ^ / v to select channels and press **OK** to go to favorite channels.
Freeze	**FREEZE**	Press to pause a video frame on-screen. (Programmable in the ATV source only)
Sleep timer	**SLEEP**	Press repeatedly to set the sleep timer (**15**, **30**, **45**, **60**, **90** or **120** minutes). Cancel the timer by selecting the Sleep **Off** option.
Aspect ratio	**ASPECT**	Press to adjust the width-to-height ratio of the image with aspect ratio: **AUTO**, **Full**, **Normal**, **Panorama**, **Zoom**, **Subtitle**.

Note:

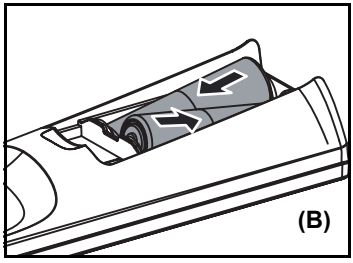
- For best results, use the remote control within a proper distance from the front of the TV. Do not exceed an angle of 30 degrees when pointing at TV.
- The operational distance may be shortened when the signal sensor is directly exposed to strong light.
- Aim the transmitter on the remote control at the signal sensor and ensure that there are no obstacles between them.

1.5 Inserting the Remote Control Batteries

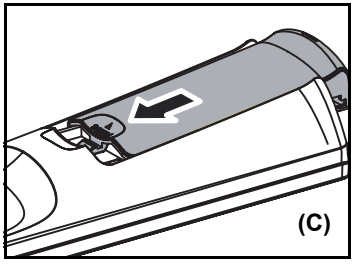
1 Open the battery compartment cover at the back of the remote control (A).



2 Insert the batteries paying attention to the polarity markings inside the battery compartment (B).



3 Replace the battery compartment cover (C).



CAUTION

- If the remote control is not used for a long period, remove the batteries and store them properly.
- Handle damaged or leaking batteries carefully, and wash hands with soap if they come in contact with leaked chemical fluids.
- If your remote control has two batteries, do not mix new and old batteries, or the life of the new batteries will be shortened. Chemical fluids may leak from the old batteries.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.
- Refer to your local recycling or waste disposal rules and contact a local waste disposal vendor to dispose of used batteries.
- The remote control cover may have a magnet in it, so do not place magnetic sensitive items such as watches, credit cards, or flash media close to the cover.
- Do not use force when pulling the remote control cover open; you may damage the hinge.

2 Setting up your TV

English

2.1 Basic Connections

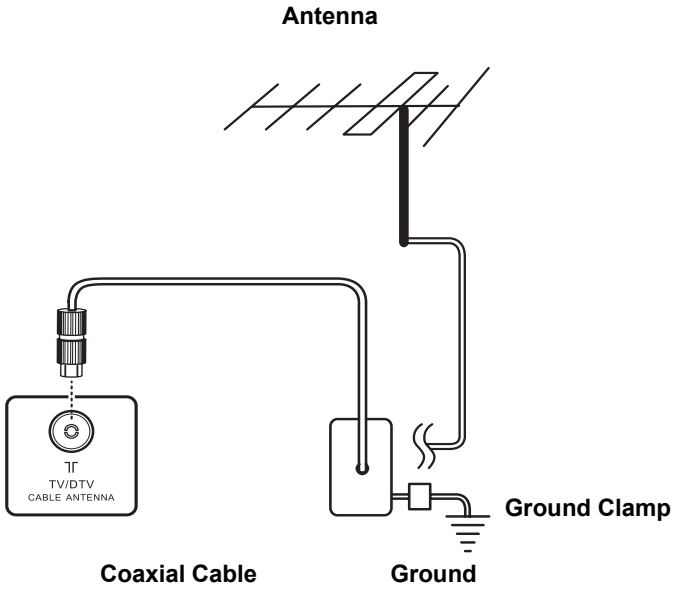
2.1.1 Power Connection

1 Connect the power cord to the AC IN input jack on the rear of the TV.

2 Insert the plug at the other end of the power cord into a power outlet.

2.1.2 Connecting an Antenna or Cable TV

Connect one end of the VHF/UHF (Antenna) or CATV cable to TV/DTV jack on the rear of the TV.

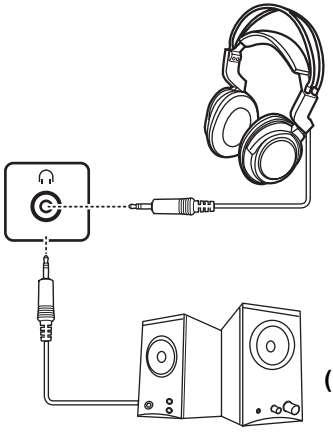


Note:
- Images are for illustration only and may vary by model or region.
- If you cannot receive channels after connecting to an antenna or cable TV line, try scanning for channels.

2.2 Connecting External Devices

Connect external devices such as VCRs, STBs, DVD players, video game consoles, earphones, or a PC to the TV using the appropriate ports on the rear of the TV.

2.2.1 Connecting External Earphones



Headphones

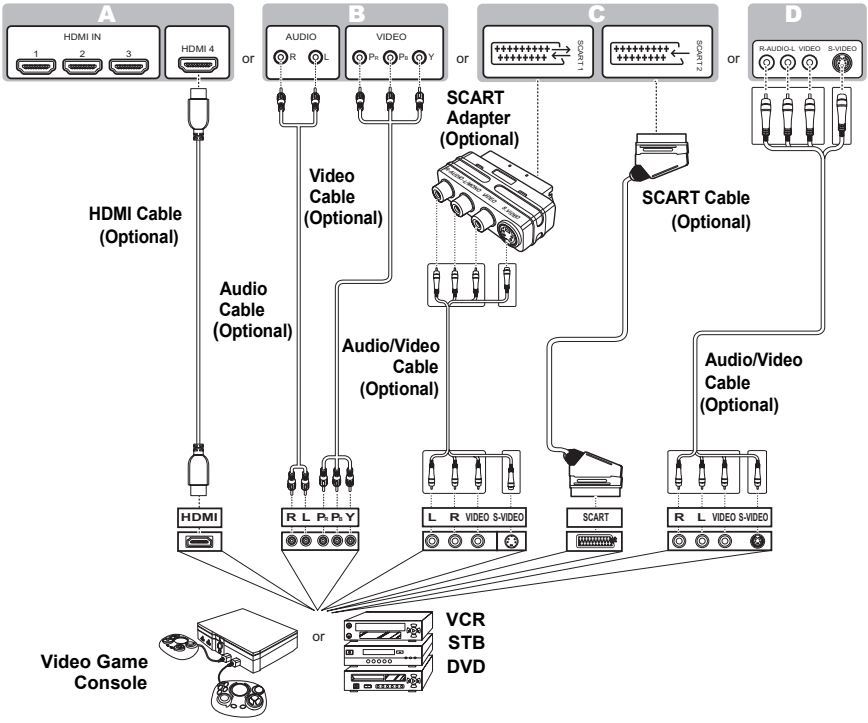
Speakers
(Built-in Amplifiers)

Note:

- External speakers or headphones are not included with the TV.
- The internal TV speakers will not output sound when headphones are plugged in.
- Use external speakers with built-in amplifiers only.
- Only one external device for sound can be connected at a time.

2.2.2 Connecting to AV Devices

The following diagram illustrates how to connect the AV devices to your TV via HDMI (A), YPbPr/AUDIO (B), SCART (C), AV/SV (D) ports.

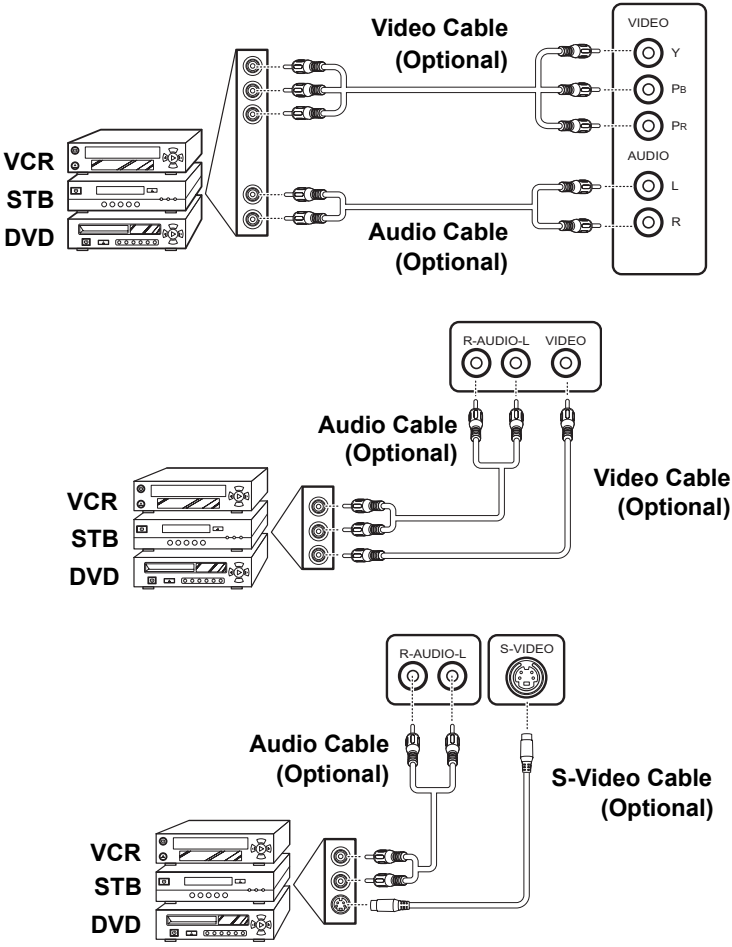


Note:

- Please connect the audio ports shown in YPbPr/AUDIO (B) to audio ports of Component/YPbPr group in your AV device. AV/SV (D) ports should connect AV/SV ones. Only a set of the audio ports can be selected when connecting AV devices.
- The Video and S-Video ports in group (D) share the same R/L Audio ports in the same group.

2.2.3 Connecting a VCR/ STB/ DVD Player Using Component Video/Audio, Composite Video/Audio, or S-Video/Audio

Connect the TV to a VCR/ STB/ DVD player using three different types of video/audio inputs.

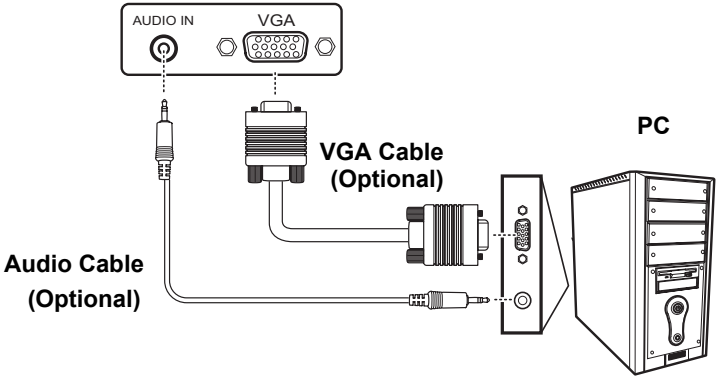


2.2.4 Connecting a PC using VGA

Connect the TV to your PC to use it as the monitor using the VGA port as shown.

1 Connect the VGA port of the TV to the VGA output of the PC.

2 Connect the line out port of the PC to the PC Audio In port of your TV to listen to audio from the PC.

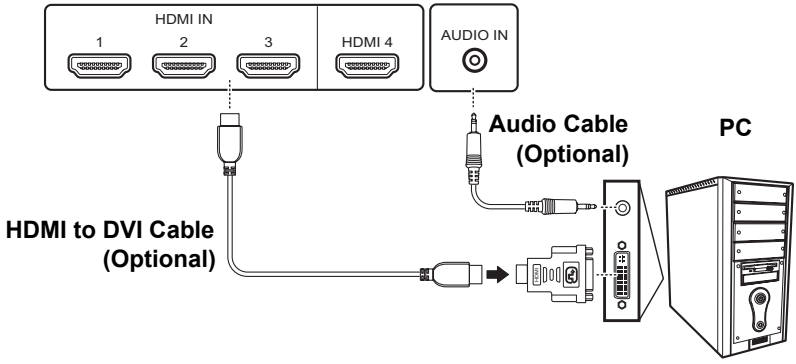


2.2.5 Connecting a PC using DVI

Connect the TV to your PC to use it as the monitor using the DVI port as shown.

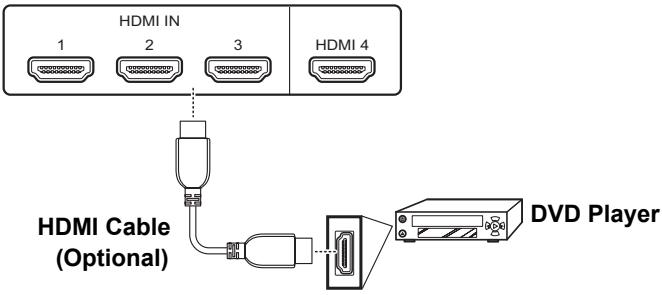
1 Connect the HDMI port of the TV to the DVI output of the PC.

2 Connect the line out port of the PC to the PC Audio In port of your TV to listen to audio from the PC.



2.2.6 Connecting HDMI

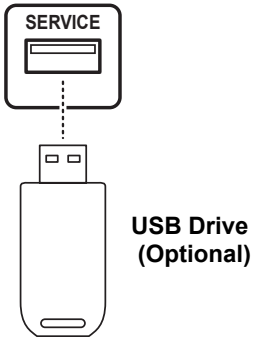
HDMI (High Definition Multimedia Interface) assures that the best video signal is always sent from source to the TV. Refer to the following illustration to connect a HDMI device to the TV.



Note:
When the HDMI cable is connected, connecting the audio cable is not necessary. However, it is necessary to do so if a HDMI to DVI cable is connected.

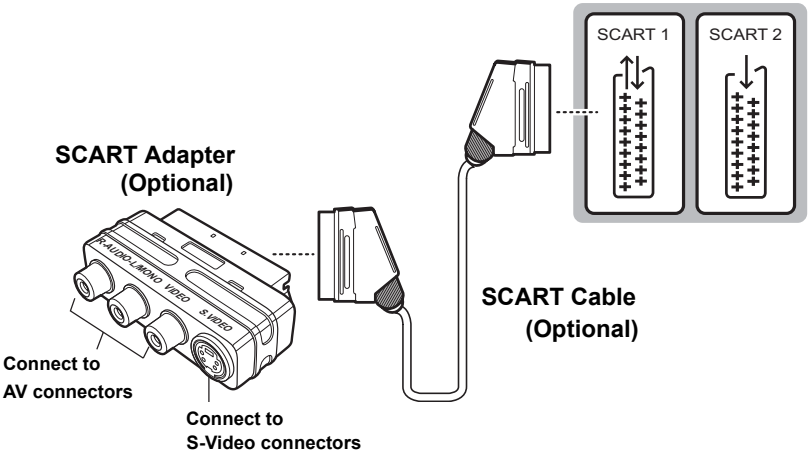
2.2.7 Connecting USB

Service port, for DTV F/W update only.



2.2.8 Connecting a VCR/ STB/ DVD Player using SCART

Use the SCART ports to connect a TV, VCR, VCD, DVD player or video game console. You can choose to use a SCART cable or adapter for the connection depending on the ports available on your player.



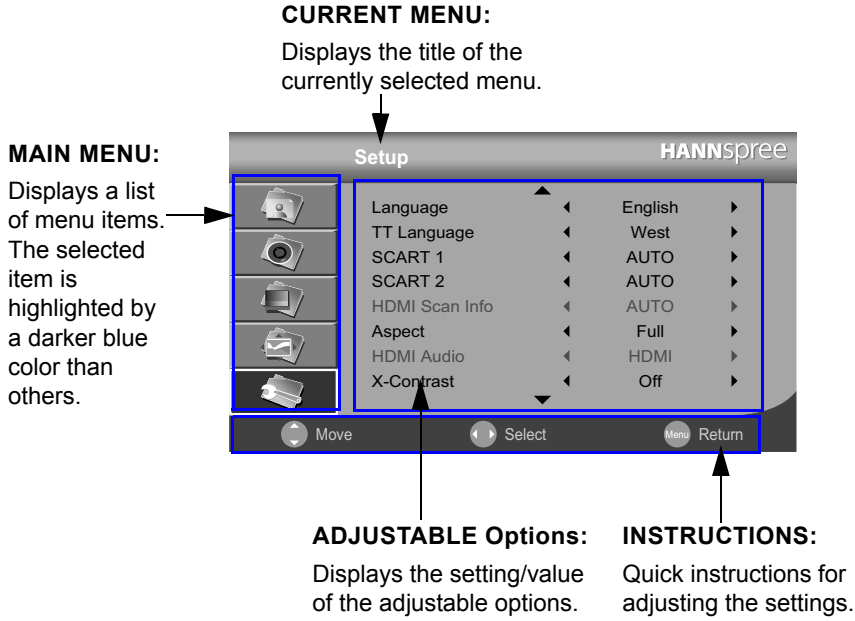
Note:

- The S-Video connector and AV connectors cannot be connected at the same time, or the wrong signals might be generated.
- The cables are color-coded (black, red, white, and yellow). Connect each color-coded cable to the appropriate connector on your device.

3 Adjusting On-Screen Display (OSD) Settings

The On-Screen Display (OSD) menu system provides a quick and simple method to adjust the TV settings. The OSD menu can be accessed conveniently through the buttons on the remote control.

Before going into details of each OSD option, you may get acquainted with the placement of the OSD system:



Function	TV Control Panel	Remote Control
OSD Menu	MENU	MENU
Up	P▲	Arrow ^
Down	P▼	Arrow v
Select/ Increase	VOL +	Arrow >
Select/ Decrease	VOL −	Arrow <
Return	MENU	MENU

4 Troubleshooting

English

Situation	Solution
No picture and sound.	• Connect the power cord properly. • Check if the power LED is on or not. • Press ⏻ on the control panel or remote control. • Press Input to cycle through connected video sources. • Press **P▲** or **P▼** to switch to other TV programs. • Make sure all cables are connected properly.
No picture, or poor picture, sound is OK.	• Check the antenna and cable connections. • Adjust the **Brightness** in the **Picture** OSD menu.
Picture is not in color.	• Adjust the **Colour** option in the **Picture** OSD menu.
Picture is OK, no sound.	• Make sure the source device is functioning properly. • Make sure the audio cable is connected securely. • Turn the mute off. • Press **VOL +** on the control panel or remote control.
One of the speakers has no sound.	• Adjust the **Balance** in the **Sound** OSD menu.
Cannot receive some TV channels using cable TV.	• Try the **Auto Search** function in the **Channel** (ATV mode) or **DTV** (DTV mode) OSD menu.
Want to reset TV settings.	• Use the **Reset** function in the **Setup** OSD menu.
Cannot operate menus.	• If OSD items are colored in gray, the system is in a state such that those settings are not available.
Screen image turns over.	• Make sure the video signal cable is connected properly.
Snow appears on the screen.	• Adjust the location of the antenna, placing it far from roads or sources of interference. • Check the antenna and the video signal line connections.
Blurred or overlapped images.	• Adjust the **Sharpness** setting. • Choose programs with high quality signals. • Adjust the direction of the antenna or replace the video signal cable.
Remote control doesn't work.	• Make sure the battery is inserted correctly. • Replace the battery with a new one. • Make sure the TV power cord is plugged in. • Make sure the path between the remote control and the sensor is clear. • Try operating the remote control at a closer distance to the TV.

5 Support Timing

PC Mode Support Timing

Mode	Resolution (active dot)	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Nominal Pixel Clock (MHz)	PC (VGA)	DVI to HDMI
VGA	640x480@60Hz	31.469	59.940	25.175	V	V
SVGA	800x600@60Hz	37.879	60.317	40.0	V	V
XGA	1024x768@60Hz	48.363	60.004	65.000	V	V
VESA	1280x720@60Hz	44.955	59.94	74.176	V	
VESA	1280x960@60Hz	60.000	60.000	108.000	V	
SXGA	1280x1024@60Hz	63.981	60.020	108.000	V	V
WXGA+	1440x900@60Hz	55.935	59.887	106.500	V	V
WSXGA+	1680x1050@60Hz	65.29	59.95	146.25		V
VESA	1920x1080@60Hz	66.587	59.93	138.500	V	V

Video Mode Support Timing

Resolution (active dot)	HDMI	HDTV (Component)
640x480p@60Hz	V	
720x480i@60Hz	V	V
720x480p@60Hz	V	V
720x576i@50Hz	V	V
720x576p@50Hz	V	V
1280x720p@60Hz	V	V
1280x720p@50Hz	V	V
1920x1080i@50Hz	V	V
1920x1080i@60Hz	V	V
1920x1080P@24HZ	V	V
1920x1080P@25HZ	V	V
1920x1080P@30HZ	V	V
1920x1080P@50Hz	V	V
1920x1080P@60Hz	V	V

6 Specifications

Screen Size	**32**”
LCD Panel	1920x1080
Input Function	RF In x 1
	SCART x 2
	AV x 1
	Component Video RCA In x 1
	Component Audio In x 1
	HDMI x 4
	VGA x 1
	VGA Audio In x 1
	CI x 1 (supports 5V)
	S-Video x 1
Output Function	Earphone Out
	Speaker 10W+10W
	SCART Out
Feature	Full HD
	HD Ready
	3D Combo Filter
	3D De Interlacer
	Noise Reduction
	3:2/2:2 Pull down
	X-Contrast (10000:1)
	24p input